

Title (en)
METHOD AND APPARATUS FOR MANAGING NETWORK SLICE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR VERWALTUNG EINER NETZWERKSCHICHT

Title (fr)
PROCÉDÉ ET APPAREIL DE GESTION DE TRANCHE DE RÉSEAU

Publication
EP 3468100 A4 20190417 (EN)

Application
EP 17819063 A 20170608

Priority
• CN 201610514001 A 20160630
• CN 2017087607 W 20170608

Abstract (en)
[origin: EP3468100A1] Embodiments of this application provide a method and an apparatus for managing a network slice. The method includes: receiving, by a first network device, a first update request message sent by a second network device, where the first update request message carries network slice requirement information, and the network slice requirement information is used to indicate that a network resource of a first network slice needs to be updated to a first network resource; determining, by the first network device based on the first update request message, a second network resource that can be actually provided for the first network slice; and sending, by the first network device, an update acknowledgement message to the second network device, where the update acknowledgement message is used to instruct to update the network resource of the first network slice based on the second network resource. According to the method and the apparatus for managing a network slice in the embodiments of this application, a network slice can be updated based on an actual network status, thereby properly using a network resource.

IPC 8 full level
H04L 12/24 (2006.01)

CPC (source: EP US)
H04L 41/0896 (2013.01 - US); **H04L 41/0897** (2022.05 - EP); **H04W 16/04** (2013.01 - US)

Citation (search report)
• [I] ZTE: "NextGen Core Architecture solution for sharing Network Function across multiple Network Slices", vol. SA WG2, no. SOPHIA ANTIPOLIS; 20160411 - 20160415, 1 April 2016 (2016-04-01), XP051086379, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_sa/WG2_Arch/TSGS2_114_Sophia_Antipolis/Docs/> [retrieved on 20160401]
• [I] AKIHIKO NAKAO 5GMF / THE UNIVERSITY OF TOKYO JAPAN: "Baseline Document: Application of network softwarization to IMT-2020;IMT-O-028", vol. imt-2020, 25 May 2016 (2016-05-25), pages 1 - 57, XP044242273, Retrieved from the Internet <URL:https://extranet.itu.int/ITU-T/focusgroups/imt-2020/FG IMT2020 Output Documents/O-028.docx> [retrieved on 20160525]
• [A] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Study on Architecture for Next Generation System (Release 14)", 3GPP STANDARD; 3GPP TR 23.799, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. V0.5.0, 8 June 2016 (2016-06-08), pages 1 - 179, XP051123271
• See references of WO 2018001066A1

Cited by
CN110086662A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3468100 A1 20190410; EP 3468100 A4 20190417; EP 3468100 B1 20210414; CN 107566145 A 20180109; CN 107566145 B 20201110; US 2019149998 A1 20190516; WO 2018001066 A1 20180104

DOCDB simple family (application)
EP 17819063 A 20170608; CN 201610514001 A 20160630; CN 2017087607 W 20170608; US 201816226097 A 20181219